Portions of the first filter set 133 among the filters 133a, 133b, and 133c that pass the red (R1), green (G1), and blue (B1) rays required for the ordinary light mode (observation under ordinary light) are interceptive areas. The interceptive areas determine the interception period (reading period) during which the CCD 109 is read. The filters 113a, 133b, and 133c and the interceptive areas are arranged nearly equidistantly. The same applies to the second filter set 134.

B1

Please amend the paragraph in the specification on page 57, line 19 – page 58, line 5 as follows:

Light reflected from a living tissue to which excitation light is irradiated, and light stemming from fluorescence exhibited by (for example, NADH or flavin contained in) the living tissue excited by the excitation light falls on the objective 108. The filter 110 cuts off the reflected light of the excitation light. The light stemming from fluorescence enters the CCD 109. An image signal picked up from the light stemming fluorescence by the CCD 109 is fed to the signal processing means 114. The signal processing means 114 processes the image signal derived from the light passing through the filter 134b (G2), and outputs the resultant signal to the monitor 105.

B2

IN THE CLAIMS:

Please amend Claims 1, 10 and 11 as follows:

B3

1. (Amended) An endoscope system comprising: